

AFSC 2A5X1
AEROSPACE MAINTENANCE SPECIALTY
CAREER FIELD EDUCATION AND TRAINING PLAN

This change is effective immediately. Changes to core tasks are effective immediately. This change is the equivalent of publication of a new CFETP. Compliance with AFI 36-2201, para 4.11.6.1. and other training policies and documentation is required. CFETP 2A5X1, January 1998, is changed as follows:

NOTE: Page numbers are taken from the CFETP 2A5X1, January 1998 produced by PDO. CFETPs downloaded from internet web sites may have different page numbers due to printer formatting.

1. Write-in changes to Master Task Lists (MTL) only, there is no need to post these changes in individual records:

<u>Page</u>	<u>Para</u>	<u>Column</u>	<u>Action</u>
21	A2.1.1.	4C(1)	Change "B" to "-"
21	A2.1.2.	4C(1)	Change "B" to "-"
24	A2.7.2.	1	Change "AFM 66-279" to "AF CSM 21 Series"
25	A2.7.5.	4C(1)	Change "B" to "-"
25	A2.7.6.	1	Delete entire line.
25	A2.7.7.	1	Add "and interaction"
25	A2.7.8.	4C(1)	Change "B" to "-"
25	A2.7.11.	4C(1)	Add "C"
25	A2.8.1.	1	Change "AFM 66-279" to "AF CSM 21 Series"
25	A2.8.1.3.	1	Change "AFM 66-279" to "AF CSM 21 Series"
25	A2.8.1.3.	4C(1)	Change "B" to "-"
27	A2.10.5.	4C(1)	Insert "B"
27	A2.10.6.	4C(1)	Insert "B"
27	A2.11.1.	1	Change "AFM 66-279" to "AF CSM 21 Series"
27	A2.11.6.1.	4B	Insert "B"
34	A2.17.6.1.	4C(1)	Change "b" to "-"
34	A2.17.6.2.	4C(1)	Change "b" to "-"
34	A2.17.6.3.	4C(1)	Change "b" to "-"
34	A2.17.6.4.	4C(1)	Change "b" to "-"
34	A2.17.6.5.	4C(1)	Change "b" to "-"

<u>Page</u>	<u>Para</u>	<u>Column</u>	<u>Action</u>
93	A6.6.3.	1	Add new header titled "Service"
93	A6.6.3.	1	Renumber existing A6.6.3. to "A6.6.3.1."
93	A6.6.4.	1	Renumber to "A6.6.3.2."
93	A6.6.5.	1	Renumber to "A6.6.4."
99	A7.1.1.2.2.	4A	Insert "2b"
103	A7.3.5.4.	4A	Insert "2b"
114	A8.3.9.	1	Change to read "Cargo Winch"
128	A9.1.11.7.	4A	Insert "3c"
128	A9.1.11.8.	4A	Insert "3c"
137	A9.5.4.4.	4A	Insert "3c"
137	A9.5.4.5.	4A	Insert "3c"
137	A9.5.4.6.	4A	Insert "3c"
137	A9.5.4.7.	4A	Insert "3c"
140	A9.8.4.3.	4A	Insert "3c"
142	A9.9.7.	4A	Insert "3c"
142	A9.9.8.	4A	Insert "3c"
142	A9.9.9.	4A	Insert "3c"
143	A9.11.1.10.	4A	Insert "3c"
143	A9.11.1.12.	4A	Insert "3c"
143	A9.11.1.13.	4A	Insert "3c"
143	A9.11.1.14.	4A	Insert "3c"
146	A10.1.9.2.	1	Renumber second "A10.1.9.2." to "A10.1.9.5."
146	A10.1.9.2.1.	1	Renumber to "A10.1.9.5.1."
146	A10.1.9.2.2.	1	Renumber to "A10.1.9.5.2."
146	A10.1.9.2.3.	1	Renumber to "A10.1.9.5.3."
146	A10.1.9.2.4.	1	Renumber to "A10.1.9.5.4."
146	A10.1.9.2.5.	1	Renumber to "A10.1.9.5.5."
146	A10.1.9.2.6.	1	Renumber to "A10.1.9.5.6."
147	A10.1.9.2.7.	1	Renumber to "A10.1.9.5.7."
147	A10.1.9.3.	1	Renumber to "A10.1.9.6."
147	A10.1.9.4.	1	Renumber to "A10.1.9.7."
147	A10.1.9.4.1.	1	Renumber to "A10.1.9.7.1."
147	A10.1.9.4.2.	1	Renumber to "A10.1.9.7.2."
147	A10.1.9.4.3.	1	Renumber to "A10.1.9.7.3."
147	A10.1.9.4.4.	1	Renumber to "A10.1.9.7.4."
172	A12.1.3.3.	1	Renumber second A12.1.3.3. to "A12.1.3.4."
172	A12.1.3.3.1.	1	Renumber to "A12.1.3.4.1."
172	A12.1.3.3.2.	1	Renumber to "A12.1.3.4.2."
172	A12.1.3.3.3.	1	Renumber to "A12.1.3.4.3."
172	A12.1.3.3.4.	1	Renumber to "A12.1.3.4.4."
<u>Page</u>	<u>Para</u>	<u>Column</u>	<u>Action</u>

172	A12.1.3.4.	1	Renumber to "A12.1.3.5."
172	A12.1.3.4.1.	1	Renumber to "A12.1.3.5.1."
172	A12.1.3.4.2.	1	Renumber to "A12.1.3.5.2."
172	A12.1.3.5.	1	Renumber to "A12.1.3.6."
197	A3.8.5.1.	2	Change "1b" to "b"
213	A5.8.8.6.	STS Element	Change to "A5.8.6."
219	A6.1.6.7.1.	2	Change "2c" to "3c"
219	A6.1.6.7.1.	3	Change "3c" to "-"
222	A6.8.4.	2	Change "2c" to "3c"
222	A6.8.4.	3	Change "3c" to "-"
223	Note 1		In line 3, change "attachment 12" to "attachment 7"
227	A7.1.1.2.2.	2	Insert "2b"
228	A7.3.5.3.1.	STS Element	Renumber to "A7.3.5.4."
228	A7.3.5.4.	STS Element	Renumber to "A7.3.5.5."
230	Header		Change heading on pages 230-239 to read "2A531A STS MATRIX (C-141)"
235	A8.1.5.	STS Element	Insert new STS Element number "A8.2.1.1."
235	A8.2.1.1.	Task	Insert "Maintenance Data Collection (GO81)"
235	A8.2.1.1.	2	Insert "A"
235	A8.2.1.1.	STS Element	Renumber existing "A8.2.1.1." to "A8.2.1.2."
235	A8.2.1.2.	STS Element	Renumber to "A8.2.1.3."
235	A8.2.1.3.	STS Element	Renumber to "A8.2.1.4."
235	A8.2.1.4.	STS Element	Renumber to "A8.2.1.5."
236	A8.3.7.6.1.2.	STS Element	Renumber to "A8.3.7.6.3."
236	A8.3.7.6.2.	STS Element	Renumber to "A8.3.7.6.5."
236	A8.4.3.2.	STS Element	Renumber to "A8.4.3.3."
236	A8.4.3.3.	STS Element	Renumber to "A8.4.3.4."
236	A8.4.3.4.	STS Element	Renumber to "A8.4.3.5."
237	A8.4.3.5.	STS Element	Renumber to "A8.4.3.6."
246	A9.1.11.3.1.	Task	Change to read "Operate Tow Vehicle"
246	A9.1.12.1.	STS Element	Renumber to "A9.1.12."
247	A9.3.2.2.1.	STS Element	Renumber to "A9.3.2.2.1."
248	A9.2.9.2.	STS Element	Renumber to "A9.6.2.2."
248	A9.6.7.3.		Delete entire line.
248	A9.7.6.	STS Element	Renumber to "A9.7.4."
248	A9.7.7.1.	STS Element	Renumber to "A9.7.5.1."
248	A9.7.7.3.	STS Element	Renumber to "A9.7.5.3."
248	A9.7.7.4.	STS Element	Renumber to "A9.7.5.4."
248	A9.7.8.1.	STS Element	Renumber to "A9.7.6.1."
248	A9.7.8.2.	STS Element	Renumber to "A9.7.6.2."
<u>Page</u>	<u>Para</u>	<u>Column</u>	<u>Action</u>

248	A9.7.11.3.	STS Element	Renumber to "A9.7.9.3."
251	A2.14.2.1.	STS Element	Renumber to "A2.14.6.1."
251	A2.14.2.2.	STS Element	Renumber to "A2.14.6.2."
251	A2.14.3.1.	STS Element	Renumber to "A2.14.7.1."
251	A2.14.7.1.	Task	Change to read "Inspect oxygen system"
252	A2.14.3.2.	STS Element	Renumber to "A2.14.7.2."
252	A2.14.7.2.	Task	Change to read "Inspect fire/overheat warning system"
253	A10.1.7.1.1.	STS Element	Renumber to "A10.1.7.2.1."
253	A10.1.7.1.2.	STS Element	Renumber to "A10.1.7.2.2."
253	A10.1.7.1.3.	STS Element	Renumber to "A10.1.7.2.3."
254	A10.1.8.2.	STS Element	Renumber to "A10.1.8.1.3."
254	A10.1.9.1.1.	STS Element	Renumber to "A10.1.9.2."
254	A10.1.9.2.	2	Change "B" to "b."
254	A10.1.9.1.2.	STS Element	Renumber to "A10.1.9.3."
254	A10.1.9.3.	2	Change "B" to "b."
254	A10.1.9.1.3.	STS Element	Renumber to "A10.1.9.4."
254	A10.1.9.2.1.	STS Element	Renumber to "A10.1.9.5.1."
254	A10.1.9.2.2.	STS Element	Renumber to "A10.1.9.5.2."
254	A10.1.9.2.3.	STS Element	Renumber to "A10.1.9.5.3."
254	A10.1.9.2.4.	STS Element	Renumber to "A10.1.9.5.4."
254	A10.1.9.2.5.	STS Element	Renumber to "A10.1.9.5.5."
254	A10.1.9.4.1.	STS Element	Renumber to "A10.1.9.7.1."
254	A10.1.9.4.1.1.	STS Element	Renumber to "A10.1.9.7.2."
254	A10.1.9.7.2.	2	Change "B" to "b."
254	A10.1.9.4.2.	STS Element	Renumber to "A10.1.9.7.4."
254	A10.2.2.1.	Task	Change to read "Principles of operation crew entrance door"
254	A10.2.2.2.	Task	Change to read "Principles of operation forward cargo door"
254	A10.2.2.3.	Task	Change to read "Principles of operation aft cargo door/ramp"
254	A10.2.2.4.	Task	Change to read "Principles of operation emergency exits"
254	A10.2.5.1.	2	Change "B" to "b."
255	A10.4.3.1.	STS Element	Renumber to "A10.4.4."
269	A12.1.3.3.1.	STS Element	Renumber to "A12.1.3.4.1."
270	A12.1.3.3.2.	STS Element	Renumber to "A12.1.3.4.2."

2. Post these changes to MTLs and individual records:

<u>Page</u>	<u>Para</u>	<u>Column</u>	<u>Action</u>
21	Note 3	1	Add to Note 3: "Core tasks duplicated on Attachment 3-13 are not required to be signed off on Attachment 2."
24	A2.6.3.	1	Change "Maintain" to "Document"
25	A2.7.10.	1	Change to read "Base resource functions/interactions"
25	A2.7.11.	1	Add task item "Maintenance incident investigation and prevention"
27	A2.10.5.	1	Change narrative to read "DIFM Control"
34	A2.17.6.6.	1	Add task item "Engines"
34	A2.17.6.6.	4C(1)	Add "b"
43	A3.2.4.	1	Change to read "Operate weapons bay door"
43	A3.2.4.	2-5	Insert "*"
43	A3.2.5.	2-5	Delete "*"
83	A6.1.1.1.	1	Change TR to "AFI 91-100"
83	A6.1.1.2.	1	Change TR to "AFI 91-100"
83	A6.1.1.3.	1	Change TR to "AFI 91-100"
94	A6.7.2.2.	1	Change TR to "1C-130H-2-49JG-00-1-1"
94	A6.7.2.3.	1	Change TR to "1C-130E-2-49JG-00-1-1"
95	A6.8.2.	1	Change TR to "1C-130H-2-12JG-10-2"
99	A7.1.1.2.1.	1	Add new task item "A7.1.1.2.1.3. Preflight"
99	A7.1.1.2.1.3.	2-5	Insert "*"
99	A7.1.1.2.1.3.	4A	Insert "2b"
101	A7.2.5.1.	2-5	Delete "*"

3. Delete page 11-12. Insert new page 11 and 12 (blank).

4. Delete pages 17-20. Insert new pages 17-20. NOTE: Documentation instructions were changed to align with AFMAN 36-2247. There is NO REQUIREMENT to change documentation on tasks certified/transcribed prior to the effective date of this change (1 Nov 98).

5. Delete attachment 4. Insert new attachment 4, pages 59-70.1.

6. Delete pages 203-206. Insert new pages 203-206.

7. After necessary action, file this change in the back of the CFETP.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

JOHN W. HANDY, Lieutenant General, USAF
DCS/Installations and Logistics

8. Career Field Path

Table 8.1 Enlisted Career Path				
Education and Training Requirements	Grade Requirements			
	Rank	Average Sew-On	Earliest Sew-On	High Year Of Tenure (HYT)
Basic Military Training School				
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 16 months		
Upgrade To Journeyman (5-Skill Level) - Minimum 15 months on-the-job training. - Complete appropriate CDC if/when available.	Amn A1C SrA	6 months 16 months 3 years	28 months	10 Years
Airman Leadership School (ALS) - Must be a SrA with 48 months time in service or be a SSgt Selectee. - Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).				
<u>Trainer</u> - Qualified and certified to perform the task to be trained. - Have attended the formal trainer's course and appointed in writing by Commander.	<u>Certifier</u> - Be at least a 5-skill level SSgt; and qualified and certified to perform the task being certified - Attend formal certifier course and appointed in writing by Commander. - Be a person other than the trainer.			
Upgrade To Craftsman (7-Skill Level) - Minimum rank of SSgt. - 18 months OJT. - Complete appropriate CDC if/when available. - Advanced Technical School.	SSgt	7.5 years	3 years	20 Years
Noncommissioned Officer Academy (NCOA) - Must be a TSgt or TSgt Selectee. - Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only).	TSgt	12.5 years	5 years	20 Years
	MSgt	16 years	8 years	24 Years
USAF Senior NCO Academy (SNCOA) - Must be a SMSgt or SMSgt Selectee. - A percentage of top nonselect (for promotion to E-8) MSgts attend the SNCOA each year. - Resident graduation is a prerequisite for CMSgt sew-on (Active Duty Only).	SMSgt	19.2 years	11 years	26 Years
Upgrade To Superintendent (9-Skill Level) - Minimum rank of SMSgt. - Must be a resident graduate of SNCOA (Active Duty Only).	CMSgt	21.5 years	14 years	30 Years

Part II

Section A - Specialty Training Standard

1. Implementation. This STS will be used for technical training provided by AETC for classes beginning 6 January 1997 and graduating 5 February 1997.

2. Purpose. As prescribed in AFI 36-2201, this STS:

★2.1. Lists in the column 1 (Task, Knowledge, and Technical Reference) the most common tasks, knowledge, and technical references (TR) necessary for airman to perform duties in the 3-, 5-, and 7-skill level. Number task statements sequentially i.e., 1.1, 1.2, 2.1. Column 2 (Core Tasks) identifies, by asterisk (*), specialty-wide training requirements. Core tasks identified with an *R are optional for AFRC and ANG. As a minimum, certification on all shop/flightline core tasks applicable to one Mission Design Series (MDS) aircraft assigned must be completed for skill level upgrade. Core task exemptions: (1) core tasks which are not applicable to base assigned aircraft or equipment are not required for upgrade (units are not required to send personnel TDY for core task training); (2) units are not exempt from minimum core task training if aircraft/equipment are assigned to another unit on base, and (3) core tasks on more than one assigned MDS are not required unless deemed mandatory by the MAJCOM FM, unit, and/or supervisor.

2.2. Provides certification for OJT. Column 3 is used to record completion of tasks and knowledge training requirements. Use automated training management systems to document technician qualifications, if available. Task certification must show a certification/completed date.

★2.3. Shows formal training and correspondence course requirements. Column 4 shows the proficiency to be demonstrated on the job by the graduate as a result of training on the task/knowledge and the career knowledge provided by the correspondence course. When two codes are used in columns 4A and 4C(1) (e.g. 2b/b), the first code is the established requirement for resident training on the task/knowledge, and the second code indicates the level of training provided in the course due to equipment shortages or other resource constraints. See CADRE/AFSC/CDC listing maintained by the unit training manager for current CDC listings.

2.4. **Qualitative Requirements.** Attachment 1 contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and career development courses.

★2.5. Becomes a job qualification standard (JQS) for on-the-job training when placed in AF Form 623, **On-The-Job Training Record**, and used according to AFI 36-2201. For OJT, the tasks in column 1 are trained and qualified to the go/no go level. "Go" means the individual can perform the task without assistance and meets local requirements for accuracy, timeliness, and correct procedures. When used as a JQS, the following requirements apply:

★2.5.1. **Documentation.** Document and certify completion of training. Pages 17-19 must be filed in individual records. In addition, use of attachments one and two is mandatory in individual training records; use of attachments three through thirteen is optional depending upon duty position. Attachments one and two are a permanent part of the CFETP and are used to document general training for all personnel in the AFSC. Optional attachments are added for training on specific weapons systems when required by the duty position. Once added to the

individual's records, these attachments will be considered part of a permanent training record and may not be removed. Attachments fourteen through twenty-four are not filed in individual training records; these attachments are used to identify student proficiency codes in AETC apprentice courses only. Document entries in accordance with AFMAN 36-2247, Chapter 5. Identify duty position requirements by circling (in pencil) the subparagraph number next to the task statement. As a minimum, complete the following columns: date training completed, trainee initials, trainer initials, and certifier initials (core tasks only). Trainers may sign off non-core and non-critical tasks by initialing the trainer's column; third party certification is not required for non-core and non-critical tasks. There are no approved AFJQS for this AFSC.

★2.5.1.1. **Converting from Old Document to CFETP.** All AFJQSs and previous CFETPs were replaced by this CFETP; therefore, conversion of all training records to this CFETP is mandatory. Automated records, using Core Automated Management System (CAMS) or Integrated Maintenance Data System (IMDS)/Global Combat Support System (GCSS), reflecting this STS may be used and are highly encouraged. Use this CFETP STS (or automated STS) to identify and certify all past and current qualifications. For those tasks previously certified and required in the current duty position, evaluate current qualifications and, when verified, recertify using current date as completion date and trainee, trainer, and certifier enter initials. For non-core and non-critical tasks only the trainer and trainee initials are required. For previous certification on tasks not required in the current duty position, carry forward *only* the previous completion date. If and when these tasks become a duty position requirement, recertify using standard certification procedures.

★2.5.1.2. **Documenting Career Knowledge.** When a CDC is not available: the supervisor identifies CFETP part II training references that the trainee requires for career knowledge and ensures, as a minimum, that trainees cover the mandatory items in AFI 26-2108. For two-time CDC course exam failures: supervisors identify all Part II items corresponding to the areas covered by the CDC. The trainee completes a study of references, undergoes evaluation by the task certifier, and receives certification on the CFETP Part II. Supervisors must document successful completion of career knowledge prior to submission of a CDC waiver.

★2.5.1.3. **Decertification and Recertification.** When an airman is found to be unqualified on a task previously certified for his or her position, the supervisor lines through the previous certification or deletes previous certification when using automated system. Appropriate remarks are entered on the AF Form 623A, **On-The-Job Training Record Continuation Sheet**, as to the reason for decertification. The individual is recertified (if required) either by erasing the old entries and writing in the new or by using correction fluid/tape (if the entries were made in ink) over the previously certified entry.

★2.5.2. **AF Form 797.** When additional items not listed in the CFETP Part II are necessary in the current duty assignment, enter them on the AF Form 797. Fill out the form IAW AFMAN 36-2247.

★2.5.3. **Disposition of Training Records.** Upon separation, retirement, commissioning, or promotion to Master Sergeant (unless otherwise directed by the AFCFM, MAJCOM, unit commander, or supervisor), give the individual their training records. Also, give individuals outdated training records after transcribing records. Do not remove any training records that show past qualifications unless transcribed to a new CFETP/AFJQS. Supervisors must exercise good judgment when removing training records not needed in current duty positions.

2.6. Is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Measurement Squadron by senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual responsibilities are in chapter 14 of AFI 36-2606, *US Air Force Reenlistment, Retention, and NCO Status Programs*. WAPS is not applicable to the Air National Guard and Air Force Reserve.

3. Recommendations. Report unsatisfactory performance of individual course graduates to AETC Training Manager at DSN 736-1484 or at 362 TRS/TRR 613 Tenth Ave., Sheppard AFB TX 76311-2352. For quick response to problems, call the 24-hour customer service information line, DSN 736-5236. Reference specific STS paragraphs.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

JOHN W. HANDY, Lieutenant General, USAF
DCS/Installations and Logistics

24 Attachments

1. Proficiency Code Key (Mandatory—must be filed with pages 17-19)
2. 2A5X1 Fundamental Requirements (Mandatory)
3. B-1 Qualitative Requirements (Optional)
4. B-2 Qualitative Requirements (Optional)
5. B-52 Qualitative Requirements (Optional)
6. C-130 Qualitative Requirements (Optional)
7. C-135 Qualitative Requirements (Optional)
8. C-141 Qualitative Requirements (Optional)
9. C-17 Qualitative Requirements (Optional)
10. C-5 Qualitative Requirements (Optional)
11. C-9 Qualitative Requirements (Optional)
12. E-3 Qualitative Requirements (Optional)
13. KC-10/E-4 Qualitative Requirements (Optional)
14. B-1 Training Matrix (Not used in Training Records)
15. B-2 Training Matrix (Not used in Training Records)
16. B-52 Training Matrix (Not used in Training Records)
17. C-130 Training Matrix (Not used in Training Records)
18. C-135 Training Matrix (Not used in Training Records)
19. C-141 Training Matrix (Not used in Training Records)
20. C-17 Training Matrix (Not used in Training Records)
21. C-5 Training Matrix (Not used in Training Records)
22. C-9 Training Matrix (Not used in Training Records)
23. E-3 Training Matrix (Not used in Training Records)
24. KC-10/E-4 Training Matrix (Not used in Training Records)

<i>This Block Is For Identification Purposes Only</i>		
Name Of Trainee		
Printed Name (<i>Last, First, Middle Initial</i>)	Initials (Written)	SSAN
Printed Name Of Training/Certifying Official And Written Initials		
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	

QUALITATIVE REQUIREMENTS

Proficiency Code Key		
	Scale Value	Definition: The individual
Task Performance Levels	1	IS EXTREMELY LIMITED (Can do simple parts of the task. Needs to be told or shown how to do most of the task.)
	2	IS PARTIALLY PROFICIENT (Can do most parts of the task. Needs only help on hardest parts.)
	3	IS COMPETENT (Can do all parts of the task. Needs only a spot check of completed work.)
	4	IS HIGHLY PROFICIENT (Can do the complete task quickly and accurately. Can tell or show others how to do the task.)
*Task Knowledge Levels	a	KNOWS NOMENCLATURE (Can name parts, tools, and simple facts about the task.)
	b	KNOWS PROCEDURES (Can determine step by step procedures for doing the task.)
	c	KNOWS OPERATING PRINCIPLES (Can identify why and when the task must be done and why each step is needed.)
	d	KNOWS ADVANCED THEORY (Can predict, isolate, and resolve problems about the task.)
**Subject Knowledge Levels	A	KNOWS FACTS (Can identify basic facts and terms about the subject.)
	B	KNOWS PRINCIPLES (Can identify relationship of basic facts and state general principles about the subject.)
	C	KNOWS ANALYSIS (Can analyze facts and principles and draw conclusions about the subject.)
	D	KNOWS EVALUATION (Can evaluate conditions and make proper decisions about the subject.)

Explanations

* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b)

** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.

- This mark is used alone instead of a scale value to show that no proficiency training is provided in the courses or CDC's.

/ This mark is used in course columns to show that training is required but not given due to limitations in resources (3c/b, 2b/b etc.).

Note: Tasks and knowledge items shown with an asterisk (*) in column one are trained during war time. There are no wartime training requirements for course J3ACR2A571 000.

B-2 QUALITATIVE REQUIREMENTS

CHANGE 1 CFETP 2A5X1 Nov 1998

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
NOTE 1: This attachment is to be used in conjunction with Attachment 2.											
*A4.1. AIRCRAFT GENERAL											
A4.1.1. Phased inspection concept and inspection TR: TOs 00-20-5, 1B-2A-6											
A4.1.1.1. Phased inspection concept								B	-	-	-
A4.1.1.2. Perform inspections											
A4.1.1.2.1. Preflight											
A4.1.1.2.1.1 Work Area #1	*							2b	-	-	-
A4.1.1.2.1.2. Work Area #2 and #3	*							2b	-	-	-
A4.1.1.2.1.3. Work Area #4	*							2b	-	-	-
A4.1.1.2.2. Thruflight											
A4.1.1.2.2.1 Part 2A	*							2b	-	-	-
A4.1.1.2.2.2. Part 2B	*							2b	-	-	-
A4.1.1.2.3. Postflight											
A4.1.1.2.3.1. Work Area #1	*							2b	-	-	-
A4.1.1.2.3.2. Work Area #2 and #3	*							2b	-	-	-
A4.1.1.2.3.3. Work Area #4	*							2b	-	-	-
A4.1.1.2.4. Phase											
A4.1.1.2.4.1. Inspect Work Area #1								-	-	-	-
A4.1.1.2.4.2. Lubricate Work Area #1								-	-	-	-
A4.1.1.2.4.3. Inspect Work Area #2								-	-	-	-
A4.1.1.2.4.4. Lubricate Work Area #2								-	-	-	-
A4.1.1.2.4.5. Inspect Work Area #3								-	-	-	-
A4.1.1.2.4.6. Lubricate Work Area #3								-	-	-	-
A4.1.1.2.4.7. Inspect Work Area #4								-	-	-	-
A4.1.1.2.4.8. Lubricate Work Area #4								-	-	-	-

B-2 QUALITATIVE REQUIREMENTS

CHANGE 1 CFETP 2A5X1 Nov 1998

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.1.1.2.5. Acceptance								-	-	-	-
A4.1.1.2.6. Calendar								-	-	-	-
A4.1.1.2.7. Special								-	-	-	-
A4.1.1.2.8. Time change item								-	-	-	-
A4.1.1.2.9. Alert								-	-	-	-
A4.1.2. Aircraft Wash											
A4.1.2.1 Preparation											
A4.1.2.2 Wash											
A4.1.2.3 Lube											
A4.1.3. Organizational Maintenance Manual Set (OMMS) TOs TR: Applicable B-2A TOs											
A4.1.3.1. OMMS TOs								B	-	-	-
A4.1.3.2. Use OMMS TOs	*							2b	-	-	-
A4.1.3.3. Use CAMS								b	-	-	-
A4.1.3.4. Use technical data								2b	-	-	-
A4.1.4. Aircraft communications equipment TR: Applicable -2 TOs											
A4.1.4.1. Operate radios								-	-	-	-
A4.1.4.2. Use interphone	*							2b	-	-	-
A4.1.5. Perform ground handling TR: AFI 21-102; AFI 91-100; TO 00-25-172; Applicable -2 TOs											
A4.1.5.1. Launch aircraft	*							2b	-	-	-
A4.1.5.2. Recover aircraft	*							2b	-	-	-
A4.1.5.3. Tow aircraft											
A4.1.5.3.1. Wing/tail walker	*							2b	-	-	-
A4.1.5.3.2. Brake operator	*							2b	-	-	-

B-2 QUALITATIVE REQUIREMENTS

CHANGE 1 CFETP 2A5X1 Nov 1998

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.1.5.3.3. Tow team supervisor		*						-	-	-	-
A4.1.5.3.4. Tow vehicle operator								-	-	-	-
A4.1.5.4. Moor aircraft								-	-	-	-
A4.1.5.5. Jack and level aircraft											
A4.1.5.5.1. Jacking team member	*							B	-	-	-
A4.1.5.5.2. Jacking supervisor								-	-	-	-
A4.1.5.5.3. Jack Manifold Operator								-	-	-	-
A4.1.5.5.4 Plumb Bob Operator								-	-	-	-
A4.1.5.6. Axle jacking	*							2b	-	-	-
A4.1.5.7. Crash recovery								-	-	-	-
A4.1.6. Weight and balance functions TR: TO 1B-2A-5								-	-	-	-
A4.1.7. Verify aircraft center of gravity using FM/MS	*							-	-	-	-
A4.1.8. Remove and install proximity caps	*							2b	-	-	-
A4.1.9. Simulate airborne								-	-	-	-
A4.1.10. Safe aircraft for maintenance	*							2b	-	-	-
A4.1.11. Hardness critical procedures	*							b	-	-	-
A4.1.12. Electrostatic Discharge Procedures	*							b	-	-	-
A4.1.13. Observable Critical Procedures	*							b	-	-	-
A4.1.14. Low observable awareness	*							b	-	-	-
A4.1.15. Blade seal safety precautions	*							2b	-	-	-
*A4.2. AIRFRAME SYSTEMS TR: Applicable -2 TOs											
A4.2.1. Airframe components and construction	*							B	-	-	-
A4.2.2. Operate											
A4.2.2.1. Crew entry door pneudraulically/ manually	*							2b	-	-	-

B-2 QUALITATIVE REQUIREMENTS

CHANGE 1 CFETP 2A5X1 Nov 1998

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.2.2.2. Aft nose landing gear door	*							2b	-	-	-
A4.2.2.3. Aft equipment bay entry door	*							2b	-	-	-
A4.2.2.4. Auxiliary air inlet door								-	-	-	-
A4.2.2.5. APU exhaust doors								-	-	-	-
A4.2.3. Remove/install											
A4.2.3.1. Crew entry pressure door								-	-	-	-
A4.2.3.2. Engine/AMAD bay doors								-	-	-	-
A4.2.3.3. ECS/Hydraulic bay doors								-	-	-	-
A4.2.3.4. Panels	*							-	-	-	-
A4.2.3.5. Remove LO Tape								-	-	-	-
A4.2.3.6. Windows								-	-	-	-
A4.2.3.7. Radomes								-	-	-	-
A4.2.3.8. Passive Thermal Protection Systems (PTPS)								-	-	-	-
A4.2.4. Open/close											
A4.2.4.1. Crew entry pressure door								2b	-	-	-
A4.2.4.2. Engine/AMAD bay doors	*							2b	-	-	-
A4.2.4.3. ECS/Hydraulic bay doors	*							2b	-	-	-
A4.2.4.4. Wheel well blow out doors								2b	-	-	-
A4.2.5. Inspect airframe and components TR: TO 1B-2A-6								2b	-	-	-
A4.2.6. Inspect secondary structure		*						-	-	-	-
A4.2.7. Perform aircraft cold weather procedures								-	-	-	-
A4.2.8. Inspection aircraft windows	*							2b	-	-	-
A4.2.9. Clean aircraft windows	*							2b	-	-	-
*A4.3. LANDING GEAR SYSTEMS TR: Applicable -2 TOs											

B-2 QUALITATIVE REQUIREMENTS

CHANGE 1 CFETP 2A5X1 Nov 1998

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.3.1. Landing gear components and system operation								B	-	-	-
A4.3.1.1. Inspect Landing Gear Components	*							2b	-	-	-
A4.3.2. Perform Operational Check											
A4.3.2.1. Landing gear								-	-	-	-
A4.3.2.2. Brakes	*							-	-	-	-
A4.3.2.3. Steering system								-	-	-	-
A4.3.2.4. Anti skid								-	-	-	-
A4.3.3. Service											
A4.3.3.1. Landing Gear Struts with Nitrogen	*							2b	-	-	-
A4.3.3.2. Landing Gear Struts with Hydraulic fluid	*							b	-	-	-
A4.3.3.3. Tires	*							2b	-	-	-
A4.3.4. Lubricate landing gear components								2b	-	-	-
A4.3.5. Remove/Install											
A4.3.5.1. Wheel and tire assemblies	*							2b	-	-	-
A4.3.5.2. Brake assemblies	*							-	-	-	-
A4.3.5.3. Brake equalizer rods								-	-	-	-
A4.3.5.4. Anti-skid magnetic drive unit								-	-	-	-
A4.3.6. Bleed brake systems	*							-	-	-	-
A4.3.7. Troubleshoot Landing Gear System								-	-	-	-
A4.3.8. Rig/Adjust landing gear system								-	-	-	-
*A4.4. WEAPONS BAY COMPONENTS TR: Applicable -2 TOs											
A4.4.1. Weapons bay components and system operation								-	-	-	-
A4.4.2. Operate weapons bay doors											
A4.4.2.1. Manually	*							b	-	-	-

B-2 QUALITATIVE REQUIREMENTS

CHANGE 1 CFETP 2A5X1 Nov 1998

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.4.2.2. Electrically	*							2b	-	-	-
A4.4.2.3. Hydraulically								-	-	-	-
A4.4.3. Lubricate weapons system components								b	-	-	-
A4.4.4. Inspect weapons system components TR: TO 1B-2A-6								-	-	-	-
A4.4.5. Troubleshoot Weapons Bay System								-	-	-	-
A4.4.6. Rig/Adjust weapons bay system								-	-	-	-
*A4.5. UTILITY SYSTEMS TR: Applicable -2 TOs											
A4.5.1. Utility components and system operation								B	-	-	-
A4.5.2. ECS power-up	*							b	-	-	-
A4.5.3. Operate											
A4.5.3.1. Bleed air system								-	-	-	-
A4.5.3.2. Air conditioning system								-	-	-	-
A4.5.3.3. Pressurization system								-	-	-	-
A4.5.3.4. Anti-ice/De-ice system								-	-	-	-
A4.5.3.5. Rain removal system								-	-	-	-
A4.5.3.6. Fire/Overheat warning system								-	-	-	-
A4.5.3.7. Fire extinguishing system								-	-	-	-
A4.5.3.8. Back-up Oxygen System (BOS)	*							-	-	-	-
A4.5.3.9. On Board Maintenance Printer (OBMP)	*							2b	-	-	-
A4.5.3.10. Remove/Install printer tape	*							2b	-	-	-
A4.5.3.11. Use OBTS Ground Processor (OGP) report for fault isolation of system malfunction								-	-	-	-

B-2 QUALITATIVE REQUIREMENTS

CHANGE 1 CFETP 2A5X1 Nov 1998

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.5.3.12. Load/Unload maintenance write tapes/Disks	*							2b	-	-	-
A4.5.3.13. Operate OBTS Controls/Displays	*							2b	-	-	-
A4.5.4. Troubleshoot											
A4.5.4.1. Bleed air system								-	-	-	-
A4.5.4.2. Air conditioning system								-	-	-	-
A4.5.4.3. Pressurization system								-	-	-	-
A4.5.4.4. Anti-ice/De-ice system								-	-	-	-
A4.5.4.5. Rain removal system								-	-	-	-
A4.5.4.6. Fire/Overheat warning system								-	-	-	-
A4.5.4.7. Fire extinguishing system								-	-	-	-
A4.5.4.8. Back-up Oxygen System (BOS)								-	-	-	-
A4.5.5. Back-up Oxygen System (BOS) TR: TO 00-25-172											
A4.5.5.1. Service	*							2b	-	-	-
A4.5.5.2. Drain								-	-	-	-
A4.5.5.3. Purge								-	-	-	-
A4.5.6. Service equipment cooling systems											
A4.5.6.1. Service Ethylene Glycol Water (EGW) System	*							2b	-	-	-
A4.5.6.2. Service Defense Management System (DMS)	*							2b	-	-	-
A4.5.6.3. Service Liquid Coolant System (LCS)	*							2b	-	-	-
A4.5.7. Sample equipment cooling											
A4.5.7.1. Sample Ethylene Glycol Water (EGW) System	*							2b	-	-	-
A4.5.7.2. Sample Defensive Management System (DMS)	*							2b	-	-	-

B-2 QUALITATIVE REQUIREMENTS

CHANGE 1 CFETP 2A5X1 Nov 1998

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.5.7.3. Sample Liquid Coolant System (LCS)	*							2b	-	-	-
*A4.6. FLIGHT CONTROL SYSTEM TR: Applicable -2 TOs											
A4.6.1. Flight control components and system operation								B	-	-	-
A4.6.2. Perform operational check of flight controls								-	-	-	-
A4.6.3. Operate flight controls								-	-	-	-
A4.6.4. Remove/Install flight control components								-	-	-	-
A4.6.5. Inspect flight controls								2b	-	-	-
A4.6.6. Lubricate flight controls								2b	-	-	-
A4.6.7. Rig flight controls								-	-	-	-
A4.6.8. Troubleshoot Flight Controls								-	-	-	-
*A4.7. HYDRAULIC SYSTEMS TR: Applicable -2 TOs											
A4.7.1. Hydraulic components and system operation								B	-	-	-
A4.7.2. Service hydraulic system											
A4.7.2.1. Reservoirs	*							2b	-	-	-
A4.7.2.2. Accumulators	*							2b	-	-	-
A4.7.3. Apply hydraulic power											
A4.7.3.1. Using APU								-	-	-	-
A4.7.3.2. Hydraulic test stand								2b	-	-	-
A4.7.3.3. Using engines								-	-	-	-
A4.7.4. Troubleshoot Hydraulic System								-	-	-	-
A4.7.5. Remove/Install hydraulic components								b	-	-	-
A4.7.6. Take hydraulic samples								-	-	-	-

B-2 QUALITATIVE REQUIREMENTS

CHANGE 1 CFETP 2A5X1 Nov 1998

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.7.7. Reposition and Torque line connections								-	-	-	-
*A4.8. ENGINES TR: Applicable -2 TOs											
A4.8.1. Engine and Auxiliary Power Unit (APU) components and system operation								B	-	-	-
A4.8.2. Perform engine operational check								-	-	-	-
A4.8.3. Operate											
A4.8.3.1. Engine and subsystems								-	-	-	-
A4.8.3.2. APU and subsystems								-	-	-	-
A4.8.3.3. Team Member								-	-	-	-
A4.8.4. Service											
A4.8.4.1. Engine oil	*							2b	-	-	-
A4.8.4.2. Airframe Mounted Accessory Drive (AMAD) oil	*							2b	-	-	-
A4.8.4.3. APU oil	*							2b	-	-	-
A4.8.4.4. Pressurized Air Start System (PASS)	*							2b	-	-	-
A4.8.5. Remove/Install											
A4.8.5.1. Air turbine starter								-	-	-	-
A4.8.5.2. Starter control valves								-	-	-	-
A4.8.5.3. AMAD								-	-	-	-
A4.8.5.4. Turbine driven recharge compressor								-	-	-	-
A4.8.5.5. Engines								-	-	-	-
A4.8.6. Take oil samples TR: TO 33-1-37; Applicable -2 TOs											
A4.8.6.1. Engines	*							2b	-	-	-
A4.8.6.2. AMAD	*							-	-	-	-

B-2 QUALITATIVE REQUIREMENTS

CHANGE 1 CFETP 2A5X1 Nov 1998

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.8.7. Troubleshoot Engines								-	-	-	-
A4.8.8. Motor engines								-	-	-	-
*A4.9. AIRCRAFT FUEL SYSTEMS TR: Applicable AFOSH Stds; -2 TOs; TO 00-25-172											
A4.9.1. Fuel components and system operation								B	-	-	-
A4.9.2. Refuel aircraft											
A4.9.2.1. Team member	*							2b	-	-	-
A4.9.2.2. Team panel operator											
A4.9.2.2.1. Ground control panel manual	*							2b	-	-	-
A4.9.2.2.2. Ground control panel auto	*							2b	-	-	-
A4.9.2.2.3. Manual fuel control panel	*							2b	-	-	-
A4.9.2.3. Team supervisor											
A4.9.2.3.1. Manual		*						-	-	-	-
A4.9.2.3.2. Auto		*						-	-	-	-
A4.9.3. Filler neck refuel								-	-	-	-
A4.9.4. Defuel aircraft											
A4.9.4.1. Team member								2b	-	-	-
A4.9.4.2. Team panel operator											
A4.9.4.2.1. Ground control panel								2b	-	-	-
A4.9.4.2.2. Manual fuel control panel								2b	-	-	-
A4.9.4.3. Team supervisor								-	-	-	-
A4.9.5. Prepare aircraft for fuel cell maintenance TR: TO 1-1-3								-	-	-	-
A4.9.6. Operate Air Refueling Receptacle Slipway Installation (ARRSI)	*							-	-	-	-
A4.9.7. Ground transfer fuel	*							2b	-	-	-

B-2 QUALITATIVE REQUIREMENTS

CHANGE 1 CFETP 2A5X1 Nov 1998

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.9.8. Drain fuel tank sumps/obtain fuel samples	*							2b	-	-	-
A4.9.9. Troubleshoot Fuel System								-	-	-	-
*A4.10. ELECTRICAL SYSTEMS TR: Applicable -2 TOs											
A4.10.1. Electrical components and system operation								B	-	-	-
A4.10.2. Perform operational check											
A4.10.2.1. Electrical power supply system								-	-	-	-
A4.10.2.2. Internal lighting system								2b	-	-	-
A4.10.2.3. External lighting system								2b	-	-	-
A4.10.2.4. Indicator warning lights								2b	-	-	-
A4.10.3. Operate lighting system											
A4.10.3.1. Internal lighting system	*							2b	-	-	-
A4.10.3.2. External lighting system	*							2b	-	-	-
A4.10.3.3. Indicator warning lights	*							2b	-	-	-
A4.10.3.4. Emergency lights	*							2b	-	-	-
A4.10.4. Remove/Install											
A4.10.4.1. Light lenses	*							b	-	-	-
A4.10.4.2. Light bulbs	*							b	-	-	-
A4.10.4.3. Batteries	*							2b	-	-	-
A4.10.4.4. Landing/Taxi Light	*							2b	-	-	-
A4.10.5. Troubleshoot Lighting System								-	-	-	-
A4.10.6. Connect/Apply external electrical power	*							2b	-	-	-
A4.10.7. Disconnect external electrical power	*							2b	-	-	-
*A4.11. EGRESS SYSTEM TR: Applicable -2 TOs											

B-2 QUALITATIVE REQUIREMENTS

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1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
A4.11.1. Egress components and system operation								B	-	-	-
A4.11.2. Operate seat adjustment	*							2b	-	-	-
A4.11.3. Remove/Install safety pins	*							2b	-	-	-
*A4.12. AEROSPACE GROUND EQUIPMENT TR: AFOSH Standard 127-100											
A4.12.1. Inspect and Operate Gaseous oxygen servicing equipment TR: TO 15X1-1								2b	-	-	-
A4.12.2. Inspect and Operate Generators TR: TO 35C2 series								2b	-	-	-
A4.12.3. Inspect and Operate Hydraulic test stand TR: TO 33A2 series								2b	-	-	-
A4.12.4. Inspect and Operate Air conditioning units TR: TO 35E9 series								2b	-	-	-
A4.12.5. Inspect and Operate Gaseous nitrogen servicing equipment TR: TO 35D3 series								2b	-	-	-
A4.12.6. Inspect and Operate Oil servicing carts TR: TO 35A17 series								2b	-	-	-

B-2 QUALITATIVE REQUIREMENTS

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1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Attachment 1)			
	5	7	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
			Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	Course	CDC	(1) Course	(2) CDC
*A4.13. DOCK/HANGAR PROCEDURES TR: Local Directives											
A4.13.1. Aqueous Film Forming Foam (AFFF) Procedures								-	-	-	-
A4.14.1. Centralized Aircraft Support Systems (CASS)											
A4.14.1.1. Operate Electrical Power and Inverter System								-	-	-	-
A4.14.1.2. Operate CASS Combined Air System								-	-	-	-
A4.14.1.3. Operate CASS Hydraulic Power								-	-	-	-
A4.14.1.4. Operate Hangar Nitrogen								-	-	-	-
A4.15. Inspect/Operate Fall Protection Devices								-	-	-	-

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<u>STS ELEMENT</u>	<u>TASK</u>	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>
A2.20.8.1.	Purpose and description of generator sets	A	-	-
A2.20.8.2.	Perform pre-use inspection of generator sets	2b	-	-
A2.20.8.3.	Operate generator sets	2b	-	-
A2.20.9.1.	Purpose and description of lighting equipment	A	-	-
A2.20.9.2.	Perform pre-use inspection of lighting equipment	2b	-	-
A2.20.9.3.	Operate lighting equipment	2b	-	-
A2.20.10.1.	Purpose and description of hydraulic test stands	A	-	-
A2.20.11.1.	Purpose and description of air conditioning units	A	-	-
A2.20.12.1.	Purpose and description of gas turbine compressors	A	-	-
A2.20.12.2.	Perform pre-use inspection of gas turbine compressors	2b	-	-
A2.20.12.3.	Operate gas turbine compressors	2b	-	-
A2.20.13.1.	Purpose and description of tow vehicles	A	-	-
A2.20.14.1.	Purpose and description of liquid nitrogen servicing equipment	A	-	-
A2.20.14.2.	Perform pre-use inspection of liquid nitrogen servicing equipment	1b	-	-
A2.20.14.3.	Operate liquid nitrogen servicing equipment	1b	-	-
A2.20.15.1.	Purpose and description of gaseous nitrogen servicing equipment	A	-	-
A2.20.15.2.	Perform pre-use inspection of gaseous nitrogen servicing equipment	1b	-	-
A2.20.15.3.	Operate gaseous nitrogen servicing equipment	1b	-	-
A2.20.16.1.	Purpose and description of oil servicing carts	A	-	-
A2.20.17.1.	Purpose and description of hydraulic servicing carts	A	-	-
A2.20.19.1.	Purpose of crash recovery equipment	A	-	-
A4.1.1.1.	Phased inspection concept	-	-	B
A4.1.1.2.1.1.	Perform preflight inspection work area #1	-	-	2b
A4.1.1.2.1.2.	Perform preflight inspection work area #2 and #3	-	-	2b
A4.1.1.2.1.3.	Perform preflight inspection work area #4	-	-	2b
A4.1.1.2.2.1.	Perform thruflight inspection part 2A	-	-	2b
A4.1.1.2.2.2.	Perform thruflight inspection part 2B	-	-	2b
A4.1.1.2.3.1.	Perform postflight inspection work area #1	-	-	2b
A4.1.1.2.3.2.	Perform postflight inspection work area #2 and #3	-	-	2b
A4.1.1.2.3.3.	Perform postflight inspection work area #4	-	-	2b
A4.1.3.1	Organizational Maintenance Manual Set (OMMS) TOs	-	B	B
A4.1.3.2.	Use OMMS TOs	-	2b	2b
A4.1.3.3.	Use CAMS	-	-	b
A4.1.3.4.	Use Technical data	-	-	2b
A4.1.4.2.	Use interphone	-	-	2b
A4.1.5.1.	Launch aircraft	-	-	2b
A4.1.5.2.	Recover aircraft	-	-	2b
A4.1.5.3.1.	Wing/tail walker	-	-	2b
A4.1.5.3.2.	Brake operator	-	-	2b

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<u>STS ELEMENT</u>	<u>TASK</u>	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>
A4.1.5.5.1.	Jacking team member	-	B	B
A4.1.5.6.	Axle jacking	-	-	2b
A4.1.8.	Remove and install proximity caps	-	-	2b
A4.1.10.	Safe aircraft for maintenance	-	1b	2b
A4.1.11.	Hardness critical procedures	-	-	b
A4.1.12.	Electrostatic Discharge Procedures	-	-	b
A4.1.13.	Observable Critical Procedures	-	-	b
A4.1.14.	Low observable awareness	-	-	b
A4.1.15	Blade Seal Safety Precautions	-	-	2b
A4.2.1.	Airframe components and construction	-	-	B
A4.2.2.1.	Operate crew entry door hydraulically/manually	-	-	2b
A4.2.2.2.	Operate aft nose landing gear door	-	-	2b
A4.2.2.3.	Operate aft equipment bay entry door	-	-	2b
A4.2.4.1.	Open/close crew entry pressure door	-	-	2b
A4.2.4.2.	Open/close engine/AMAD bay doors	-	-	2b
A4.2.4.3.	Open/close ECS/hydraulic bay doors	-	-	2b
A4.2.5.	Inspect airframe and components	-	-	2b
A4.2.8.	Inspect aircraft windows	-	-	2b
A4.2.9.	Clean aircraft windows	-	-	2b
A4.3.1.	Landing gear components and system operation	-	-	B
A4.3.1.1.	Inspect Landing Gear Components	-	-	2b
A4.3.3.1.	Service landing gear struts with nitrogen	-	-	2b
A4.3.3.2.	Service landing gear struts with hydraulic fluid	-	-	b
A4.3.3.3.	Service tires	-	-	2b
A4.3.4.	Lubricate landing gear components	-	-	2b
A4.3.5.1.	Remove/install wheel and tire assemblies	-	-	2b
A4.4.2.1.	Operate weapons bay doors manually	-	-	b
A4.4.2.2.	Operate weapons bay doors electrically	-	-	2b
A4.4.3.	Lubricate weapons system components	-	-	b
A4.5.1.	Utility components and system operation	-	-	B
A4.5.2.	ECS power-up	-	-	b
A4.5.3.9.	Operate On Board Maintenance Printer (OBMP)	-	-	2b
A4.5.3.10.	Remove/Install printer tape	-	-	2b
A4.5.3.12.	Load/Unload maintenance write tapes/Disks	-	-	2b
A4.5.3.13.	Operate OBTS Controls/Displays			2b
A4.5.5.1.	Service Back-up Oxygen System (BOS)	-	-	2b
A4.5.6.1.	Service Ethylene Glycol Water (EGW) System	-	-	2b
A4.5.6.2.	Service defense Management System (DMS)	-	-	2b
A4.5.6.3.	Service liquid Coolant System (LCS)	-	-	2b

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<u>STS ELEMENT</u>	<u>TASK</u>	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>
A4.5.7.1.	Sample Ethylene Glycol Water (EGW) System	-	-	2b
A4.5.7.2.	Sample Defensive Management System (DMS)	-	-	2b
A4.5.7.3.	Sample liquid Coolant System (LCS)	-	-	2b
A4.6.1.	Flight control components and system operation	-	-	B
A4.6.5.	Inspect flight controls	-	-	2b
A4.6.6.	Lubricate flight controls	-	-	2b
A4.7.1.	Hydraulic components and system operation	-	-	B
A4.7.2.1.	Service hydraulic system reservoirs	-	-	2b
A4.7.2.2.	Service hydraulic system accumulators	-	-	2b
A4.7.3.2	Apply Hydraulic Power using Hydraulic Test Stand			2b
A4.7.5	Remove and Install Hydraulic Components			b
A4.8.1.	Engine and Auxiliary Power Unit (APU) components and system operation	-	-	B
A4.8.4.1.	Service engine oil	-	-	2b
A4.8.4.2.	Service airframe Mounted Accessory Drive (AMAD) oil	-	-	2b
A4.8.4.3.	Service APU oil	-	-	2b
A4.8.4.4.	Service Pressurized Air Start System (PASS)	-	-	2b
A4.8.6.1.	Take oil samples from engines	-	-	2b
A4.9.1.	Fuel components and system operation	-	-	B
A4.9.2.1.	Refuel team member	-	-	2b
A4.9.2.2.1.	Operate refuel ground control panel manual	-	-	2b
A4.9.2.2.2.	Operate refuel ground control panel auto	-	-	2b
A4.9.2.2.3.	Operate manual fuel control panel	-	-	2b
A4.9.4.1.	Defuel team member	-	-	2b
A4.9.4.2.1.	Operate ground control panel	-	-	2b
A4.9.4.2.2.	Operate manual fuel control panel	-	-	2b
A4.9.7.	Ground transfer fuel	-	-	2b
A4.9.8.	Drain fuel tank sumps/obtain fuel samples	-	-	2b
A4.10.1.	Electrical components and system operation	-	-	B
A4.10.2.2.	Perform operational check of internal lighting system	-	-	2b
A4.10.2.3.	Perform operational check of external lighting system	-	-	2b
A4.10.2.4.	Perform operational check of indicator warning lights	-	-	2b
A4.10.3.1.	Operate internal lighting system	-	-	2b
A4.10.3.2.	Operate external lighting system	-	-	2b
A4.10.3.3.	Operate indicator warning lights	-	-	2b
A4.10.3.4.	Operate emergency lights	-	-	2b
A4.10.4.1.	Remove/install light lenses	-	-	b
A4.10.4.2.	Remove & Install Light Bulbs			b
A4.10.4.3.	Remove/install batteries	-	-	2b
A4.10.4.4.	Remove & Install Landing/Taxi Light	-	-	2b

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<u>STS ELEMENT</u>	<u>TASK</u>	<u>Col 1</u>	<u>Col 2</u>	<u>Col 3</u>
A4.10.6.	Connect/Apply external electrical power	-	-	2b
A4.10.7.	Disconnect external electrical power	-	-	2b
A4.11.1.	Egress components and system operation	-	A	B
A4.11.2.	Operate seat adjustment	-	-	2b
A4.11.3.	Remove/Install safety pins	-	-	2b
A4.12.1.	Inspect and Operate Gaseous oxygen servicing equipment	-	-	2b
A4.12.2.	Inspect and operate generators	-	-	2b
A4.12.3.	Inspect and operate hydraulic test stand	-	-	2b
A4.12.4.	Inspect and operate air conditioning units	-	-	2b
A4.12.5.	Inspect and operate gaseous nitrogen servicing equipment	-	-	2b
A4.12.6.	Inspect and operate oil servicing carts	-	-	2b